

Atty. Docket No.: AMAT/6826.02/DSM/BCVD/JW

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of t	he following type:
	INVENTORSHIP IDENTIFICATION
the original, first and	ffice address and citizenship are as stated below next to my name. I believe I am sole inventor (if only one name is listed below) or an original, first and joint inventor sted below) of the subject matter which is claimed and for which a patent is soughted:
	NITROGEN-FREE DIELECTRIC ANTI REFLECTIVE COATING AND HARD MASK
	SPECIFICATION IDENTIFICATION
The specification of w	hich:
⊠ was f herev □ Expre and w	iched hereto iled on December 10, 2003, under Serial No 10/732,904, executed on even date vith; or ess Mail No.(as Serial No. not yet known) vas amended on (if applicable) described and claimed in PCT International Application No on and as amended under PCT Article 19 on
ACKNO	DWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	have reviewed and understand the contents of the above-identified specification, as amended by any amendment referred to above.
Title 37, Code of Fed namely, information w	by to disclose all information I know to be material to patentability in accordance with eral Regulations, 1.56, and which is material to the examination of this application; where there is a substantial likelihood that a reasonable Examiner would consider it whether to allow the application to issue as a patent, and
	mpliance with this duty there is attached an Information Disclosure Statement in dance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. 119)

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	⊠ No s	such appli	cations have been	filed.				
	Sucl	n applicat	ions have been filed	d as follows:				
A.			pplication(s) filed priority claims un	within 12 mos. der 35 U.S.C. 119	(6 mos. f	or desig	n) prior	to this
	Country/P	CT A	oplication No	Date Filed		<u>Priority</u>	Claimed	<u> </u>
						☐ Yes ☐ Yes ☐ Yes	□ No□ No	0
B.	All foreign a U.S. applica		on(s), if any, filed r	nore than 12 mos.	(6 mos fo	r design)	prior to	this
	Country: Application N Filing date:	No:						
C.	U.S. Provisi	onal App	lication filed with	n 12 months prior	to this ap	plication		
	<u>Serial No.</u>		!	Filing Date				
			PRIORITY CI	_AIM (35 U.S.C _. 12	0)			
PCT ir insofar applica acknow (namel importa	nternational approach to the subject to the subject to the subject to the distribution of the subject to the su	oplication(ct matter manner uty to dis where the whether	(s) designating the of each of the clain provided by the factorse information here is substantial to allow the application.	States Code, 120, of United States of Ams of this application in the paragraph of Tathat is material to likelihood that a restration to issue as a mal or PCT internation.	America the on is not do it is	at is/are li isclosed in nited Stat ination of examiner which occur	isted being that/the es Code this apwould corred between	low and, ose priore, 112, I oplication onsider it ween the
			cations have been ions have been file					
0	:-! NI-		Filing Date	Status			A la a !	
Ser 10/193	<u>ial No</u> . 3 489		Filing Date	<u>Patented</u>	Penc X		<u>Abando</u>	nea

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Peter J. Sgarbossa Lawrence Edelman Raymond Kam-On Kwong Joseph Bach James C. Wilson Robert W. Mulcahy B. Todd Patterson Raymond R. Moser, Jr. Keith M. Tackett Douglas H. Elliott	Registration No. 33,217 Registration No. 25,610 Registration No. 25,226 Registration No. 37,165 Registration No. 37,771 Registration No. 35,412 Registration No. 25,436 Registration No. 37,906 Registration No. 34,682 Registration No. 32,008 Registration No. 32,982
	•

Send correspondence to:

Direct telephone calls to:

Patent Counsel

APPLIED MATERIALS, INC.

P.O. Box 450-A

Santa Clara, CA 95052

B. Todd Patterson

MOSER, PATTERSON & SHERIDAN, L.L.P.

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inver	ntor: BOK HOEN KIM	
Inventor's signature:	an -	Date: 2-/7-01/
Residence:	San Jose, California 95120	
Post Office Address:	6656 Pebblewood Court	
	U.S.A. Country of Citizen	nship: South Korea
Full name of second in	nventor: Sudha Rathi	
Inventor's signature:	Suella Rathi	Date: 2-12-04
Residence:	San Jose, California 95132	
Post Office Address:	2748 Westberry Drive	
	U.S.A. Country of Citizen	nship: USA

Full name of third inver	ntor: SANG H. AHN
Inventor's signature: Residence: Post Office Address:	Senta Glara, California 95057 Nor Forter (74) (A 9446.4 860 fargher Drive F2. Promonton Dt La # 2502 U.S.A. SMA Country of Oitizenship: South Korea
Full name of forth inve	
Inventor's signature: Residence: Post Office Address:	San Jose, California 95131 1251 Hazlett Court U.S.A. Country of Citizenship: USA
Full name of fifth inven	
Inventor's signature: Residence: Post Office Address:	Palo alto, California 94303 2569 Marshall Drive U.S.A. Country of Citizenship: China
Full name of sixth inve	ntor: HICHEM-MI'SAAD
Inventor's signature: Residence: Post Office Address:	Santa clara, California 95051 3500 Granada Avenue, #364 U.S.A. Country of Citizenship: Tunisia
	nventor: MARIO D. SILVETTI
Inventor's signature: Residence: Post Office Address:	Morgan Hill, California 95037 3450 White Oak Court U.S.A. Country of Citizenship: USA
Full name of eighth inv	nentor: Miguel Fung Date: 3/11/04
Inventor's signature: Residence: Post Office Address:	Redwood City, California 94065 336 Mindanao Drive U.S.A. Country of Citizenship: USA
Full name of ninth inve	
Inventor's signature: Residence: Post Office Address:	Gilroy, California 95020 302 Brazos Street U.S.A. Country of Citizenship: Unknown

Inventor's signature:	Date:	
Residence:	Sunnyvale, California 94086	
Post Office Address:	825 Evelyn Avenue #424	
	U.S.A. Country of Citizenship: Republic of China	

LEI ZHU

Full name of tenth inventor:

(Declaration ends with this page)



Atty. Docket No.: AMAT/6826.02/DSM/BCVD/JW

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration	is of the following type:
	original divisional continuation continuation-in-part
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	NITROGEN-FREE DIELECTRIC ANTI REFLECTIVE COATING AND HARD MASK
	SPECIFICATION IDENTIFICATION
The specificatio	n of which:
	is attached hereto was filed on December 10, 2003, under Serial No 10/732,904, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
A	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	that I have reviewed and understand the contents of the above-identified specification, aims, as amended by any amendment referred to above.
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	\boxtimes	No such a	applications have been t	iled.		
		Such app	lications have been filed	d as follows:		
A.			T application(s) filed any priority claims un		6 mos. for des	ign) prior to this
	Coun	try/PCT	Application No	Date Filed	<u>Priori</u>	ty Claimed
					☐ Ye ☐ Ye ☐ Ye	s 🔲 No
В.		eign application	cation(s), if any, filed n	nore than 12 mos. (6 mos for desigi	n) prior to this
	Country Applica Filing d	tion No:				
C.	U.S. Pı	rovisional	Application filed withi	n 12 months prior t	to this applicatio	n
	<u>Serial</u>	No.	<u>!</u>	Filing Date		
			PRIORITY CL	.AIM (35 U.S.C. 120)	
PCT in insofar applica acknow (namel importa	as the sation as the sation(s) in which the sation in the sation and the sation and the sation are the sation are sation de sa	nal applica subject ma n the mar he duty to nation whe ciding whe	under Title 35, United Station(s) designating the atter of each of the clair aner provided by the first disclose information for there is substantial lether to allow the application(s) and the nation	United States of Anns of this application rst paragraph of Tithat is material to ikelihood that a reastation to issue as a	merica that is/are is not disclosed the 35, United State examination sonable Examine patent) which occ	e listed below and in that/those prior tates Code, 112, of this application r would consider it curred between the
			applications have been flications have been filed			
				Status		
<u>Ser</u> 10/193	<u>ial No</u> . 3,489		<u>Filing Date</u> July 11, 2002	<u>Patented</u>	<u>Pending</u> X	<u>Abandoned</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Peter J. Sgarbossa Lawrence Edelman Raymond Kam-On Kwong Joseph Bach James C. Wilson Robert W. Mulcahy B. Todd Patterson Raymond R. Moser, Jr. Keith M. Tackett Douglas H. Elliott	Registration No. 33,217 Registration No. 25,610 Registration No. 25,226 Registration No. 37,165 Registration No. 37,771 Registration No. 35,412 Registration No. 25,436 Registration No. 37,906 Registration No. 34,682 Registration No. 32,008 Registration No. 32,982
Douglas H. Elliott William B. Patterson	Registration No. 32,982 Registration No. 34,102
	-

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B. Todd Patterson

MOSER, PATTERSON & SHERIDAN, L.L.P.

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Full name of first inve	entor: BOK HOEN KIM	
Inventor's signature:	Date:	
Residence:	San Jose, California 95120	
Post Office Address:	6656 Pebblewood Court	
	U.S.A. Country of Citizenship: South Korea	
Full name of second i	inventor: Sudha Rathi	
Inventor's signature:	Date:	
Residence:	San Jose, California 95132	
Post Office Address:	2748 Westberry Drive	
	U.S.A. Country of Citizenship: USA	

Full name of third inventor:		SANG H. AHN			
Inventor's signature:			Date:		
Residence:	Santa Clara,	California 95057			
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Residence:					
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	U.S.A.	Country of Chizenship. 03/			
E 11	· · · · · · · · · · · · · · · · · · ·	······ Maria			
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Inventor's signature:			Date:		
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Post Office Address:	2569 Marsha				
	U.S.A.	Country of Citizenship: Chi	na		
Full name of sixth inve	ntor: Hic h	IEM M'SAAD			
1 - 1 - 2 - 1			Data		
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Fusi Office Address.		Country of Citizenship: Tur	nieia		
	0.0.A.	Country of Onizonsing. Fur	noid		
Full name of seventh in	ventor: MAR	RIO D. SILVETTI			
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Tan hamo or eighter inv	onton. Imo	221 3113			
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Inventorie eigenture:			Data		
Inventor's signature: Residence:	Gilroy, Califo	vrnia 95020	_Date:		
Post Office Address:	302 Brazos				
. 55. 555 / 100/000.	U.S.A.	Country of Citizenship: Unk	known		

Full name of tenth inventor:

LEI ZHU

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Date: 03/25/2004

(Declaration ends with this page)